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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/31/2003, GPO 2001-000

Substitute for form 1040/RT

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	10/022,007
Filing Date	December 13, 2001
First Named Inventor	Ho
Art Unit	1634
Examiner Name	Lu, Frank Wei Min
Attorney Docket Number	1179/201

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code <sup>2</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
2	1.	EP1203959A1	05-08-2002	Asahi Kasei	
	2.	DE19858443A1	07-06-2000	Mikrotechnik	
			not English document		
				X	

Examiner Signature	<i>Rule 14</i>	Date Considered	8/20/2004
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. **<sup>1</sup>** Applicant's unique citation designation number (optional). **<sup>2</sup>** See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. **<sup>3</sup>** Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **<sup>4</sup>** For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **<sup>5</sup>** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **<sup>6</sup>** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00) 14/21/2003 OMB 2001-0921

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		<b>Application Number</b> <b>Filing Date</b> <b>First Named Inventor</b> <b>Group Art Unit</b> <b>Examiner Name</b>	<i>12/12/01</i> <i>Winston Z. Ho</i>
Sheet	of	Attorney Docket Number	



U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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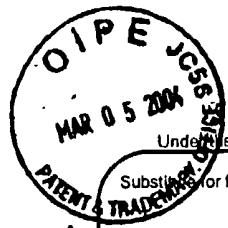
Examiner Signature	<i>Julie C.</i>	Date Considered	8/20/2004
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

## Complete if Known

Application Number	10/022,007		
Filing Date	December 13, 2001		
First Named Inventor	Ho		
Art Unit	1634		
Examiner Name	Lu, Frank Wei Min		
Sheet	1	of	1
		Attorney Docket Number	1179/201

## NON PATENT LITERATURE DOCUMENTS

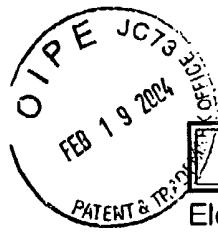
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>m</i>	1.	Stanley Abramowitz, "DNA Analysis in Microfabricated Formats", Journal of Biomedical Microdevices, 1:2, 107-112 (1999).	
<i>↓</i>	2.	Mark J. Feldstein, et al., "Array Biosensor: Optical and Fluidics Systems", Journal of Biomedical Microdevices, 1:2, 139-153 (1999).	
	3.	Irina Kleps, et al., "New Micro- and Nanoelectrode Arrays for Biomedical Applications, Journal of Biomedical Microdevices, 3:1, 29-33 (2001).	

Examiner Signature	<i>Lu, Min</i>	Date Considered	8/20/2004
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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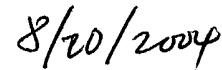


## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	Chemiluminescence-Based Microfluidic Biochip					
Application Number:	10/022007 					
Confirmation Number:	2791					
First Named Applicant:	Winston Ho					
Attorney Docket Number:						
Art Unit:	1634					
Examiner:	Frank Wei Min Lu					
Search string:	( 6186660 or 6270641 or 6268219 or 4710472 or 6300138 or 4426451 or 4690899 or 5164598 or 5229297 or 5096669 or 6429025 or 6238538 ).pn.					
<b>US Patent Documents</b>						
Note: Applicant is not required to submit a paper copy of cited US Patent Documents						
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class
1	1	6186660	2001-02-13	Kopf-Sill		
1	2	6270641	2001-08-07	Griffiths		
1	3	6268219	2001-07-31	McBride		
1	4	4710472	1987-12-01	Saur		
1	5	6300138	2001-10-09	Gleason, et al.		
1	6	4426451	1984-01-17	Columbus		
1	7	4690899	1987-09-01	Klose, et al.		
1	8	5164598	1992-11-17	Hillman, et al.		
1	9	5229297	1993-07-20	Schnipelsky, et al.		
1	10	5096669	1992-03-17	Lauks, et al.		
1	11	6429025	2002-08-06	Parce, et al.		
1	12	6238538	2001-05-29	Parce, et al.		

Signature



Examiner Name	Date
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